

## **Waterlogging Tolerance In Lentil**

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Lentil is vulnerable to damage and yield loss from waterlogging. Waterlogging can occur at any time in the growth cycle and is common on shallow duplex or poorly drained soils, or in combination with persistent or extreme precipitation. Here we present a pilot study to screen for waterlogging tolerance with a focus on the timing and duration of waterlogging in 10 common Australian lines. Using potted plants, we found measurable responses to waterlogging around 24 days (~ 330 °Cd-1) after emergence for a period of 14 days submergence. We also demonstrate the use of alternative phenotyping techniques.